

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2004/032986

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/4439 A61P29/00 C07D413/04 C07D413/14

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K A61P C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 814 627 A (SCHWAB ET AL) 29 September 1998 (1998-09-29) examples 9,10,60,61	1-20, 30-43
A	JP 50 095273 A (TANABE PHARM CO LTD) 29 July 1975 (1975-07-29) abstract	1-20, 30-43

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

27 January 2005

Date of mailing of the international search report

09.05.2005

Name and mailing address of the ISA

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Authorized officer

Stroeter, T

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## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  
  
Although claims 30-43 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:  
  
1-20, 30-43

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-20 and 30-43

compounds (and subject-matter referring to these compounds) of formula (I) or (Ia), i.e. a 3,5-diheteroarylsubstituted isoxazole/isothiazole derivative

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2. claims: 21-29 and 44-56

compounds (and subject-matter referring to these compounds) of formula (VII) or (VIIa), i.e. a 3-heteroaryl-5-phenylsubstituted isoxazole/isothiazole derivative

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5814627	A	29-09-1998	DE 4408084 A1	14-09-1995
			AT 181733 T	15-07-1999
			AU 684914 B2	08-01-1998
			AU 1948195 A	25-09-1995
			CA 2185004 A1	14-09-1995
			CN 1143956 A ,C	26-02-1997
			DE 59506310 D1	05-08-1999
			DK 749429 T3	10-01-2000
			WO 9524397 A1	14-09-1995
			EP 0749429 A1	27-12-1996
			ES 2135046 T3	16-10-1999
			FI 963508 A	06-09-1996
			GR 3031266 T3	31-12-1999
			HU 76481 A2	29-09-1997
			JP 9509951 T	07-10-1997
			NO 963560 A	26-08-1996
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JP 50095273	A	29-07-1975	NONE	
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